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SEQUENCE LISTING

<110> NAKAJIMA, HIDENORI
OHKUBO, MITSURU
YOSHIMURA, SEJI
NISHIO, NOBUYA
NISHIO, KAORI

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<140> 10/511,270

<141> 2004-10-20

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<151> 2003-04-28

<150> JP 2002-126107

<151> 2002-04-26

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<170> PatentIn version 3.3

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<212> DNA

<213> Homo sapiens

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Val Asp Ile Ala Gly Ile Tyr Pro Pro Val Thr Thr Pro Phe Thr Ala
 35 40 45

Thr Ala Glu Val Asp Tyr Gly Lys Leu Glu Glu Asn Leu His Lys Leu
 50 55 60

Gly Thr Phe Pro Phe Arg Gly Phe Val Val Gln Gly Ser Asn Gly Glu
 65 70 75 80

Phe Pro Phe Leu Thr Ser Ser Glu Arg Leu Glu Val Val Ser Arg Val
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Arg Gln Ala Met Pro Lys Asn Arg Leu Leu Leu Ala Gly Ser Gly Cys
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Glu Ser Thr Gln Ala Thr Val Glu Met Thr Val Ser Met Ala Gln Val
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Gly Ala Asp Ala Ala Met Val Val Thr Pro Cys Tyr Tyr Arg Gly Arg
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Met Ser Ser Ala Ala Leu Ile His His Tyr Thr Lys Val Ala Asp Leu
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Ser Pro Ile Pro Val Val Leu Tyr Ser Val Pro Ala Asn Thr Gly Leu
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Asp Leu Pro Val Asp Ala Val Val Thr Leu Ser Gln His Pro Asn Ile
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Val Gly Met Lys Asp Ser Gly Gly Asp Val Thr Arg Ile Gly Leu Ile
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Val His Lys Thr Arg Lys Gln Asp Phe Gln Val Leu Ala Gly Ser Ala
 210 215 220

Gly Phe Leu Met Ala Ser Tyr Ala Leu Gly Ala Val Gly Gly Val Cys
 225 230 235 240

Ala Leu Ala Asn Val Leu Gly Ala Gln Val Cys Gln Leu Glu Arg Leu
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250

245

255

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Ile Glu Pro Asn Ala Ala Val Thr Arg Arg Phe Gly Ile Pro Gly Leu
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Lys Lys Ile Met Asp Trp Phe Gly Tyr Tyr Gly Gly Pro Cys Arg Ala
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 35 40 45

Gly Lys Leu Glu Glu Asn Leu Asn Lys Leu Ala Ala Phe Pro Phe Arg
 50 55 60

Gly Phe Val Val Gln Gly Ser Thr Gly Glu Phe Pro Phe Leu Thr Ser
 65 70 75 80

Leu Glu Arg Leu Glu Val Val Ser Arg Val Arg Gln Ala Ile Pro Lys
 85 90 95

Asp Lys Leu Leu Ile Ala Gly Ser Gly Cys Glu Ser Thr Gln Ala Thr
 100 105 110

Val Glu Met Thr Val Ser Met Ala Gln Val Gly Ala Asp Ala Ala Met
 115 120 125

Val Val Thr Pro Cys Tyr Tyr Arg Gly Arg Met Asn Ser Ala Ala Leu
 130 135 140

Ile His His Tyr Tyr Lys Val Ala Asp Leu Ser Pro Ile Pro Val Val
 145 150 155 160

Leu Tyr Ser Val Pro Gly Asn Thr Gly Leu Glu Leu Pro Val Asp Ala
 165 170 175

Val Val Thr Leu Ser Gln His Pro Asn Ile Ile Gly Leu Lys Asp Ser
 180 185 190

Gly Gly Asp Val Thr Arg Thr Gly Leu Ile Val His Lys Thr Ser Lys
 195 200 205

Gln Asp Phe Gln Val Leu Ala Gly Ser Val Gly Phe Leu Leu Ala Ser
 210 215 220

Tyr Ala Val Gly Ala Val Gly Gly Ile Cys Gly Leu Ala Asn Val Leu
 225 230 235 240

Gly Ala Gln Val Cys Gln Leu Glu Arg Leu Cys Leu Thr Gly Gln Gly
 245 250 255

Glu Ala Ala Gln Arg Leu Gln His Arg Leu Ile Glu Pro Asn Thr Ala
 Page 4

Val Thr Arg Arg Phe Gly Ile Pro Gly Leu Lys Lys Thr Met Asp Trp
275 280 285

Phe Gly Tyr Tyr Gly Gly Pro Cys Arg Ala Pro Leu Gln Glu Leu Ser
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Pro Ser Glu Glu Glu Ala Leu Arg Leu Asp Phe Ser Asn Asn Gly Trp
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20 25 30

Gly Leu Glu Leu Pro Val Asp Ala Val Val Thr Leu Ser Gln His Pro
35 40 45

Asn Ile Ile Gly Leu Lys Asp Ser Gly Gly Asp Val Thr Arg Thr Gly
50 55 60

Leu Ile Val His Lys Thr Ser Lys Gln Asp Phe Gln Val Leu Ala Gly
65 70 75 80

Ser Val Gly Phe Leu Leu Ala Ser Tyr Ala Val Gly Ala Val Gly Gly
85 90 95

Ile Val Gly Leu Ala Asn Val Leu Gly Ala Gln Val Cys Gln Leu Glu
100 105 110

Arg Leu Cys Leu Thr Gly Gln Gly Glu Ala Ala Gln Arg Leu Gln His
115 120 125

Arg Leu Ile Glu Pro Asn Thr Ala Val Thr Arg Arg Phe Gly Ile Pro
130 135 140

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Gly Leu Lys Lys Thr Met Asp Trp Phe Gly Tyr Tyr Gly Gly Pro Cys
145 150 155 160

Arg Ala Pro Leu Xaa Glu Leu Ser Pro Ser Glu Glu Glu Ala Leu Arg
165 170 175

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Glu Leu Ser Gln Thr Leu Val Pro Thr Val
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